A BRIEF REVIEW ON THE RECORDED VITAL STATISTICS FOR THE QUARTER ENDING 30TH SEPTEMBER 1928.

A statement showing by Districts the number of deaths classified according to principal causes and the infantile mortality recorded during the quarter ending 30th September 1928 is appended.

Births.—A total of 30,956 births was reported during the quarter as against 25,247 in quarter previous and 27,285 in the correspoding quarter of 1927. The calculated annual ratios for the same periods are 21·13, 17·23 and 18·62, respectively.

As compared with the corresponding quarter of 1927, there have been 3,671 more births recorded during the quarter under review.

The highest birth-rate *viz*,, 28·90 was returned for the Kolar District, the rates for other districts ranging from 26·78 for the Bangalore District and 14·01 for the Kadur District.

Deaths.—The number of deaths from all causes returned for the quarter totalled 20,679 as against 23,425 in the previous quarter and 19,568 in the corresponding quarter of 1927. The crude death-rates for the three periods are respectively 14·11, 15·98 and 13·35 per mille of population.

During the quarter under review there have been 1,111 more deaths than in the corresponding quarter of 1927. The principal causes responsible for this are small-pox, diarrhœa and dysentry.

The highest death-rate was recorded in the Bangalore District (17·56) and the lowest in the Chitaldrug District (11·02), the rates for the other Districts ranging between 12·49 (Tumkur) and 15·32 (Kadur).

Infant Mortality.—Two thousand five hundred and eighty-four infants under one year are reported to have died during the quarter, giving mortality rate of 83·47 for every 1,000 births recorded. The figures for the previous quarter and for the corresponding quarter of 1927, are 2,626 and 2,218 for deaths and 83·47 and 81·25 for infant mortality rates, respectively.

The highest infant mortality was returned for Kolar District (96·76). The rates were also high for the Shimoga District (94·73), and the Bangalore District (94·20). In the other districts the rates ranged from 77·71 (Chitaldrug) and 89·94 (Hassan).

The Health Officer, Shimoga District, reports that endeavours to initiate Child Welfare Work in the District are being made with some prospects of success.

Plague.—The total number of deaths from this cause was 1,033 as compared with 144 in the previous quarter and 1,188 in the corresponding quarter of 1927. The highest number of deaths (439) was reported for the Bangalore District. The months of August and September are plague epidemic months. Hence the larger number of deaths during the quarter under review as compared with previous quarter.

The total number of anti-plague inoculations done by the Medical Officers and subordinates was 20,520.

Cholera.—Ninety-one deaths were reported for all the Districts except Kadur as against 171 deaths in the preceding quarter and 281 in the corresponding quarter of 1927.

Small-pox.—The recorded deaths were 1,147 as against 1,011 in the previous quarter and 129 in the corresponding quarter, and of 1927, the Districts most affected being Mysore (764) and Bangalore (218). The number of vaccinations performed during the quarter totalled 35,425.

Fevers.—During the quarter 9,153 deaths were returned as due to "Fevers" as against 12,922 in the preceding quarter and 9,143 in the corresponding quarter of the previous year. The incidence in Mysore, Hassan, Kolar and Bangalore was higher than in the other Districts.

Propaganda against malaria was carried on by means of the usual demonstrations lectures, Red Cross Society Charts and magic lantern slides in the affected areas. It is also reported that steps were taken for the removal of rank vegetation and the formation of drains, whilst the closing of pits after draining received serious attention of the local bodies.

Quinine was distributed free in the affected parts of the Malnad Districts.

Dysentery and Diarrhoea.—One thousand and eighty deaths from dysentery and diarrhoea were returned as compared with 796 in the previous quarter and 783 in the corresponding quarter of previous year.

Respiratory Diseases.—A total of 709 deaths from respiratory diseases was reported during the quarter as against 1,005 in the preceding quarter and 612 in the corresponding quarter of previous year.

Injuries.—Three hundred and forty-five deaths were reported as due to injuries including accidents, snake bite and suicide.

All other causes.—Under this general heading 7,121 deaths were returned as against 7,034 in the previous quarter and 7,121 in the corresponding quarter of 1927.

Statement showing the Vital Statistics for the quarter ending 30th September 1928.

No.	District	Population according to census of 1921	Number of births registered	Annual ratio per 1,000 of population	Number of deaths registered	Annual ratio per 1,000 of population	Cause of deaths		
							Plague	Cholera	Small-pox
1	2	3	4	5	6	7	8	9	10
1	Bangalore ..	9,06,935	6,072	26·78	3,982	17·56	439	10	218
2	Kolar	7,92,339	5,725	28·90	3,009	15·18	115	19	31
3	Tumkur	7,73,122	4,421	22·87	2,415	12·49	47	30	2
4	Mysore	14,03,319	5,656	16·12	4,533	12·92	288	8	764
5	Hassan	5,83,960	2,268	15·83	2,001	13·70	45	5	7
6	Shimoga	4,92,560	2,544	20·65	1,879	15·25	19	18	41
7	Kadur	3,33,538	1,169	14·01	1,278	15·32	56	..	..
8	Chitaldrug ..	5,74,179	3,101	21·60	1,582	11·02	24	1	84
	Total ..	58,59,952	30,956	21·13	20,679	14·11	1,033	91	1,147

No.	District	Causes of deaths							Infantile mortality	
		Fevers	Dysentery and diarrhoea	Respiratory diseases	Suicide	Wound or accidents	Snake-bite or killed by wild beasts	All other causes	Number of children died under one year during the quarter	Ratio per 1,000 births
		11	12	13	14	15	16	17	18	19
1	Bangalore ..	1,150	266	308	5	25	8	1,553	572	94·20
2	Kolar ..	1,151	188	97	9	40	10	1,349	554	96·76
3	Tumkur ..	1,066	129	64	5	32	2	1,038	353	79·84
4	Mysore ..	1,848	265	92	38	40	63	1,127	320	56·57
5	Hassan ..	1,290	36	23	..	19	4	572	204	89·94
6	Shimoga ..	1,059	122	65	7	15	5	528	241	94·73
7	Kadur ..	879	38	10	..	..	..	295	99	84·68
8	Chitaldrug ..	710	36	50	4	11	3	659	241	77·71
	Total ..	9,153	1,080	709	68	182	95	7,121	2,584	83·47

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